



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR  | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|-----------------------|---------------------|------------------|
| 10/019,362  | 03/06/2003  | Marc Pierre Thuillard | EL866934376US       | 1642             |
| 21003   | 7590        | 07/14/2004            | EXAMINER            |                  |
| BAKER & BOTTS<br>30 ROCKEFELLER PLAZA<br>NEW YORK, NY 10112 |             |                       | BLOUNT, ERIC        |                  |
|   |             |                       | ART UNIT            | PAPER NUMBER     |
|   |             |                       | 2636                |                  |

DATE MAILED: 07/14/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

|  |                                      |   |  |
|--|--------------------------------------|---|--|
| <p align="center"><b>Office Action Summary</b></p> | <b>Application No.</b><br>10/019,362 | <b>Applicant(s)</b><br>THUILLARD, MARC PIERRE |  |
|  | <b>Examiner</b><br>Eric M. Blount    | <b>Art Unit</b><br>2636                       |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 March 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 12-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 12-23 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 12-23 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 March 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)<br>2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)<br>3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>1162001</u> . | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____<br>5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)<br>6) <input type="checkbox"/> Other: _____. |
|---|---|

### DETAILED ACTION

1. This application is in condition for allowance except for the following formal matters:

a. The title of the present application as it appears on the declaration filed March 6, 2003 is inconsistent with the title on file with the Office. In response to this action, please indicate the correct title for the application.

b. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

The applicant claims priority of EP 00105438 under 35 U.S.C. 119 and PCT/CH01/00136 under 35 U.S.C. 120. The corresponding filing dates listed on the declaration are inconsistent with the filing dates listed on the applications for which priority has been claimed.

c. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include **reference sign 5**, not mentioned in the description. A proposed drawing correction, corrected drawings, or amendment to the specification to add the reference sign(s) in the description, are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

- d. Please provide claims with corrected dependencies.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

### ***Claim Objections***

2. **Claim 12** is objected to because of the following informalities: The use of the word "their" on lines 4 and 5. The use of the term their is not descriptive. Please revise the claim to indicate what is meant by "their". Appropriate correction is required

**Claim 13**, the word specified should precede the word parameters in line 2.

**Claim 14** is objected to because of the following informalities: The use of the word "its" on line 2. Appropriate correction is required.

**Claim 15** is objected to because of the following informalities: The use of a lowercase "m" to begin the claim. Appropriate correction is required.

**Claim 17** is objected to because of the following informalities: The use of the phrase "approximation coefficient" on line 2. The phrase appears twice. Appropriate correction is required.

**Claim 21** is objected to because of the following informalities: the applicant includes characters "----" in line 4. Please replace with the appropriate term.

***Allowable Subject Matter***

3. The following is a statement of reasons for the indication of allowable subject matter: It appears that **claims 1-23** would be allowable if the above-mentioned objections were overcome. The prior art of record fails to describe or suggest a method for processing alarm signals wherein the signals are analyzed on the basis of their occurrence and classified based on their pattern of occurrence.

***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Though not used in this action, Anderson, taught a fire alarm system that was pertinent to the examination of this case.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric M. Blount whose telephone number is 703-305-5042. The examiner can normally be reached on 8:00 am - 5:00 pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Hofsass can be reached on 703-305-4717. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2636

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Eric M. Blount  
Examiner  
Art Unit 2636

\*\*\*

  
JEFFERY HOFSSASS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

JEFFERY HOFSSASS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

BEST AVAILABLE COPY